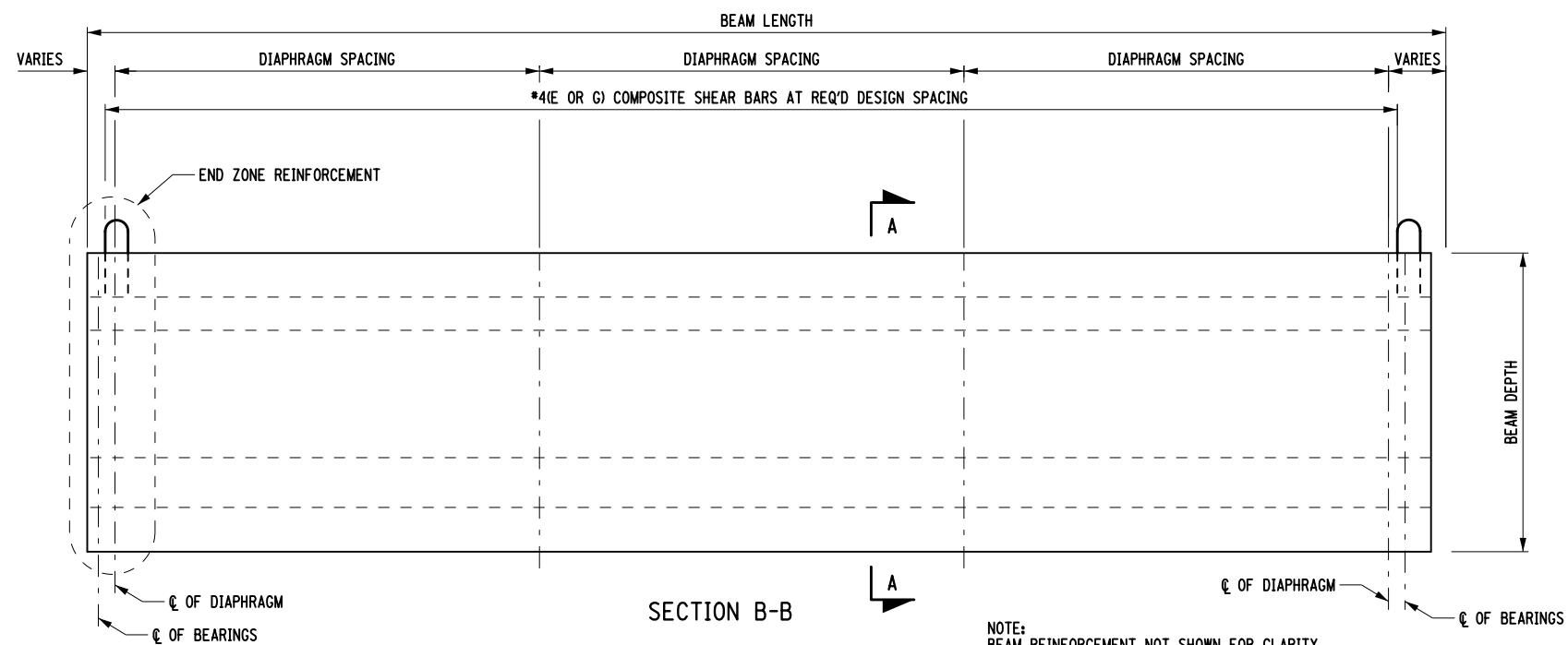


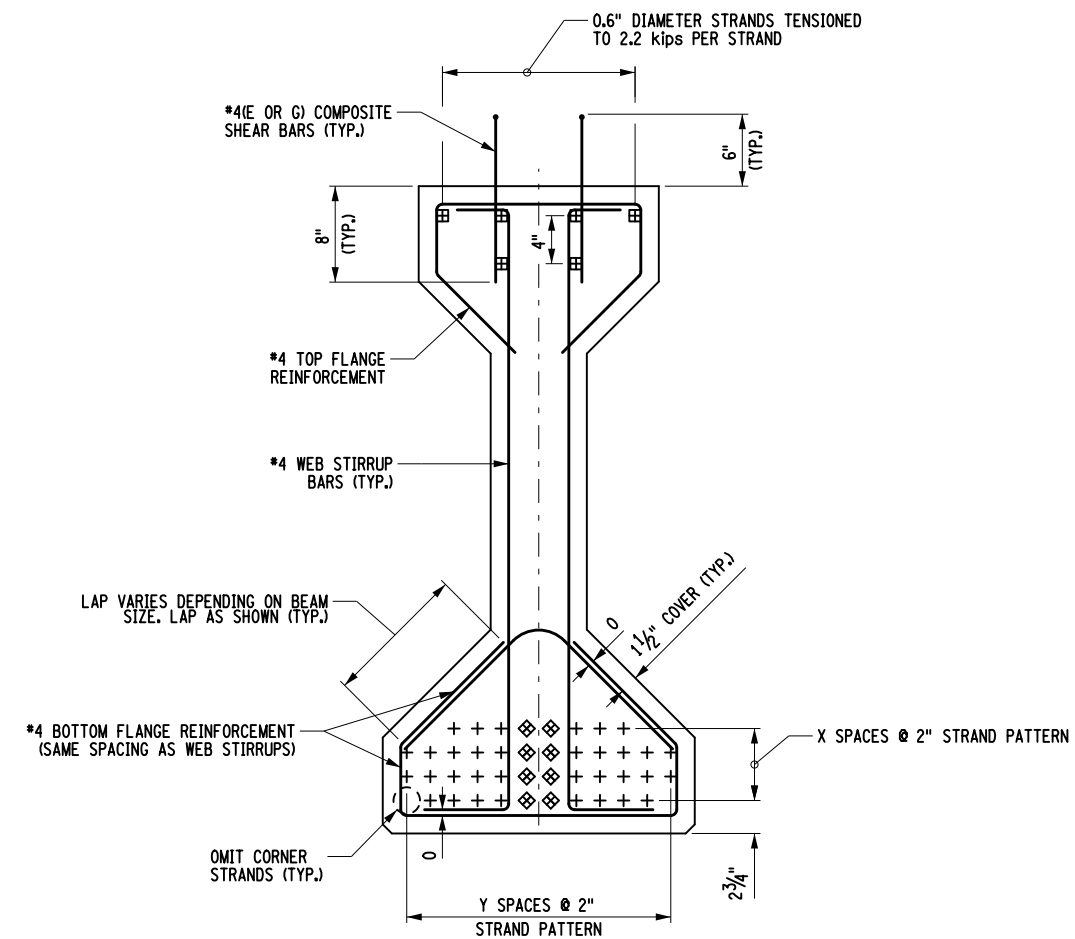
PLAN

NOTE:
FOR BOTTOM FLANGE REINFORCEMENT OPTIONS, SEE SECTION A-A.



SECTION B-B

NOTE:
BEAM REINFORCEMENT NOT SHOWN FOR CLARITY.

SECTION A-A
(TYPE I - IV)

LEGEND

- + - DENOTES STRAIGHT STRANDS
- ◆ - DENOTES DRAPED STRANDS
- ⊞ - DENOTES STRANDS TENSIONED TO 2.2 kips

NOTES:

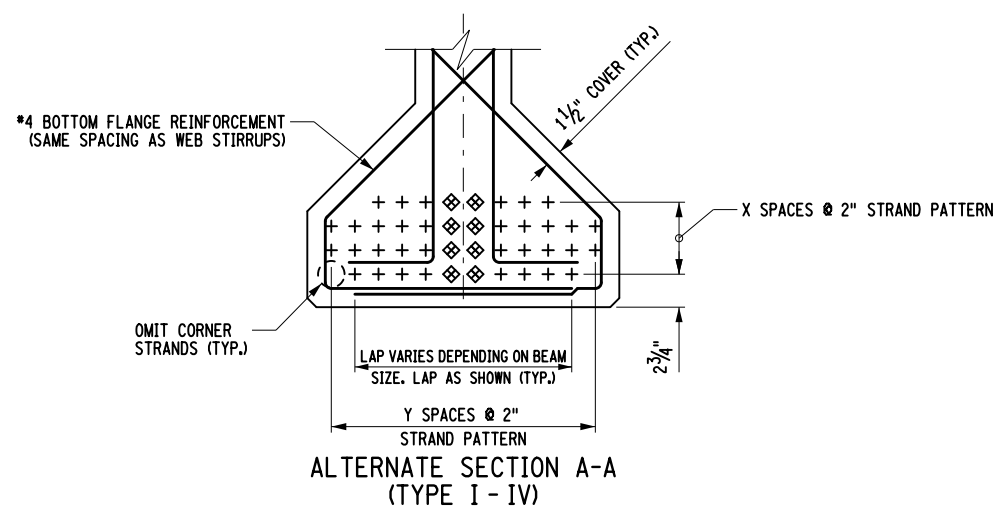
THE PRESTRESSING STRANDS SHALL BE 0.6" DIA. WITH LOW RELAXATION STRAND WITH A GUARANTEED ULTIMATE STRENGTH OF 270ksi.
JACKING FORCE = 43.9 kips PER STRAND
REQUIRED MINIMUM CONCRETE STRENGTH AT TRANSFER = 7 ksi.
REQUIRED MINIMUM CONCRETE STRENGTH AT 56 DAYS = 10 ksi.
THE ALLOWABLE TENSION IN THE PRESTRESSED CONCRETE UNITS:
AT TRANSFER = ksi.
AT SERVICE LIMIT STATE = ksi. (HL-93)
AT SERVICE LIMIT STATE = ksi. (NYS DOT PERMIT VEHICLE)

ALL EXPOSED CORNERS, EXCEPT THE TOP, SHALL BE CHAMFERED $\frac{3}{4}$ "

ALL TEMPORARY INSERTS SHALL BE APPROVED BY THE DEPUTY CHIEF ENGINEER (STRUCTURES) AND DETAILED ON THE PRESTRESSED CONCRETE "SHOP DRAWINGS".

BAR REINFORCEMENT SHALL BE ASTM A615, GRADE 60.

THE TOPS OF PRESTRESSED UNITS SHALL RECEIVE A TRANSVERSE ROUGHENED FINISH WITH AN AMPLITUDE OF $\frac{1}{4}$ in.

ALTERNATE SECTION A-A
(TYPE I - IV)

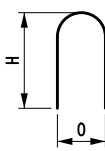
FOR DESIGNER NOTES, SEE BD-PC27E.

PRESTRESSED CONCRETE AASHTO I-BEAM REINFORCEMENT

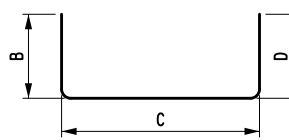
MARK	NO.	LENGTH	TYPE	WEIGHT	A	B	C	D	E	F	G	H H1	H2	J	K K1	K2	L	O	R
			I															X'-X''	
			II			X'-X''	X'-X''	X'-X''											
			III		X'-X''	X'-X''	X'-X''	X'-X''											
			III		X'-X''	X'-X''	X'-X''	X'-X''											
			IV				X'-X''		X'-X''										X'-X''

TOTAL PLAIN BARS lb PER BEAM

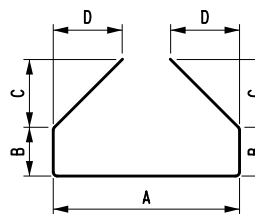
TOTAL EPOXY BARS lb PER BEAM



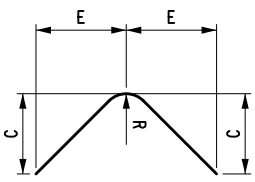
TYPE I



TYPE II



TYPE III



TYPE IV

ALL DIMENSIONS ARE OUT TO OUT DIMENSIONS.
COST OF BEAM REINFORCEMENT TO BE PAID FOR UNDER BEAM ITEM.

REVISED	NEW YORK STATE OF OPPORTUNITY.	Department of Transportation Office of Structures
ERRATA		
	APPROVED: 02/17/17 ORIGINAL SIGNED BY RICHARD MARCHIONE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)	ISSUED UNDER EB 17-010 EFFECTIVE WITH THE LETTING OF 09/01/17